

Sl.No. M22107

Course Code: 3100403/3200403

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

Pharm.D DEGREE EXAMINATION - February 2020
Fourth Year

CLINICAL PHARMACY

Time: Three hours

Maximum: 70 marks

I. Write essays on any **TWO** questions: (2 x 15 = 30)

1. Write in detail on definition, development and scope of clinical pharmacy.
2. Define ADR (Adverse Drug Reaction). Discuss in detail on its management along with its causality assessment scales.
3. Functions and processing steps of drug utilization evaluation.

II. Write short answers on any **SIX** questions: (6 x 5 = 30)

4. Establishing a drug information centre.
5. Hematological function tests.
6. Renal function test and its significance.
7. Write the principles of pharmaceutical care.
8. Write brief notes on drug and poison information.
9. Critical evaluation of biomedical literature.
10. Importance of electrolytes in the body.
11. Quality assurance of clinical pharmacy services.

III. Write short notes on any **FIVE** question: (5 x 2 = 10)

12. Define pharmacovigilance.
13. Name the tests associated with cardiac disorder.
14. Procedure for answering DI queries.
15. What are the factors affecting counseling.
16. Medication errors.
17. Drug utilization review.
